

Filing February 13, 2002
Appln 10/075,065
Title: "Railcar Condition Inspection Database" (Moser, et a. Attorney: Stephen T. Scherrer (Reg. No. 45, 080)
Tel: (312) 372-2000
Fax: (312) 984-7700
Sheet 2 of 9
Docket No. 47440-044001

FIG. 2

	Box Car	Condition Report	Date: MM	
Car Numb:		Inspector:	Time: TT: Inspection Location:	
			•	
Date: Upmarket per SOW?:		SOW Number:	*SOW = Scope of Work	
Car Body	Side sheet dents		:	
	Broken welds	:		
	Car Body Corrosio		:	
	End sheets bowed	d more than 4"	;	
	Side post interfere	ence with door oper	•	
	Evidence of roof leakage		:	
Lading	Car equipped with	lading anchors Y/N	:	
	Car equipped with	load dividers Y/N	•	
	Load dividers inop	perable	•	
<u>Floor</u>	Broken or missing	floor boards	:	
	Light showing thro	ough floor	:	
	Protrusions		:	
	Dents greater than	n 1 inch	:	
	Missing caulk		:	
	Contamination - leaks, odors, dirt, old cmd		l :	
	Old commodity		:	
Interior Walls	Large dented area		:	
	Loose, broken we		:	
	Sharp edge or pro		:	
	End lining bent ov		: <u></u>	
		ion - leaks, odors, dirt	:	
<u>Doors</u>		or track & retainers	·	
	Missing hardware		•	
	Door leaks		:	
	Inoperable		•	
<u>Cushioning</u>	Defective cushion	_	:	
<u>Trucks</u>	Friction casting w	edge rise	:	
	Worn gibs		:	
	Broken springs		:	
	Defective center p	olate	:	
<u>Structural</u>	Center sill bent		:	
Exterior Paint	Customer logo's		:	
	Graffiti		:	
	Paint condition		:	
Interchange De			:	
Overall Condition			:	
Repair Disposit	<u>ion</u>		:	

Comments:

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FIG. 3

	Hopper C	ar Condition	Report	Date: MM/DD/	
Car Numb	Ir	nspector		Time: TT:TT:T Inspection Location:	
Date:	 S	Storage Location:		mspection Education.	
Date:Upmarket per SOW?:		SOW Number:		*SOW = Scope of Work	
Car Body	Side sheet dents			 :	
	Broken or loose running boards Broken Welds Corrosion			·	
				:	
				:	
	Missing, broken, loose vibrator casting		:		
<u>Lading</u>		Leaking gates / hatches		:	
	Abrasions or cut gaskets			<u> </u>	
1	Broken hatch covers		:		
Lining	Car lined ? Y/N :			Lining Date: MM/DD/CCYY	
	Lining Condition			: 	
	Rust bleed			: 	
	Loose or flaking areas Stains or discoloration			:	
Interior	Evidence of leaks	.1011		: 	
menor	Broken partition welds			:	
	Old commodity	ius		:	
	Rust			•	
Condemnation	T (dot			: 	
	Porosity, undercut	welds		:	
	Intermittent or caul			:	
•	Suitable for li		Y/N	:	
Trucks	Friction casting we	_		:	
	Worn gibs	•		:	
	Broken springs			: <u></u>	
	Defective center pla	ate		:	
Structural	Center sill bent			:	
Exterior Paint	Customer Logo's			:	
	Graffiti			:	
	Commodity spillage	9		:	
	Paint condition			:	
Interchange De				:	
Overall Condition					
Repair Dispositi	<u>ion</u>			:	
Comments:					

General Purpose Tank Car Condition Report Date: MM/DD/YY Time: TT:TT:TT Car Mumb: = Inspector: Inspection Location: MAY/DD/CCTT Date: Storage Location : Upmarket per SOW ? : SOW Number: Car Body Shell bent or buckled Jacket bent, buckled or corroded Bottom Outlet Valve Require application of skid protection: Missing or defective caps and chains : Top Valves and Accessories Missing or non-approved valves Corroded or inoperative valves Require eduction pipe reinforcement Gaskets worn, broken or missing Gaskots Lining Date = MM/DD/CCYY Lining Car lined? Y/N : Lining Condition Rust bleed Loose or flaking areas Stains or discoloration Interior Rust Corrosion Interior residue or film Water present Linable condition Suitable for lining? Y/N Require weld overlay repair Requires tank insert repairs Porosity, undercut welds Brackets, sharp edges or transitions Tracks Friction casting wedge rise Worn gibs Broken springs Defective center plate Structural Center or stub sill bent Exterior Paint Customer Logo's Graffiti Commodity spillage Paint Condition Interchange Defects
Overall Condition Comments:

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Table Railcar Condition Inspection Database" (Moses Attorney: Stephen T. Scherrer (Reg. No. 45,080)

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Comments

FIG. 5

Ope	en Top Hooper & C	sondola a Car Conditioi	Report	Time: TT:TT:TT	
Car Numb:		Inspector:	Inspectio		
Date:		Storage Location:			
Date:Upmarket per SOW?:		SOW Number:	*SOW = Scope of Work		
Car Body	End and side sh		:		
	End and side sheets bowed		:	_	
	Top chords bow	ed	:	-	
	Broken welds		•	-	
	Corrosion		:	-	
<u>Lading</u>	Leaking gates		:	-	
	Gates inoperable		:	-	
<u>Interior</u>	Broken floor she	ets	:	-	
	Broken supports	i	:	_	
	Broken corner ca	aps	:	-	
	Interior corrosion	า	:	-	
	Old Commodity		:	-	
<u>Trucks</u>	Friction casting	wedge rise	•	<u>-</u>	
	Worn gibs		÷	_	
	Broken springs		:	<u>-</u>	
	Defective center	⁻ plate	•	_	
<u>Structural</u>	Center sill bent		:	<u>-</u>	
Exterior Paint	Customers Logo	o's	•	_	
	Graffiti		:		
	Commodity spill	age	:	_	
	Paint condition		:	_	
Interchange De	<u>fects</u>		:	_	
Overall Condition	o <u>n</u>	-	:	_	
Repair Disposit			:	- -	

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Plastic Pellet Car Condition Report

Date: MM/DD/YY Time: TT:TT:TT

Car Mumb: Date:

Inspector: Storage Location : Inspection Location:

MM/DD/CCTT Upmarket per SOW ? :

SOW Number: .

Car Body Side sheet dents and/or hammer marks

Broken Welds Corrosion

Roof sheet buckles

Outlet Gates need upgrade modification

Gates difficult to operate, need att. :

Missing or defective hardware

Gates & tubes req. buffing/other attn.:

Hatch Covers Require vented hatch covers Batch covers req. latch upgrade

Broken hatch covers

End vents require attention

Manway rings req. buffing/other attn. :

Hatch cover gaskets requires attn.

Car lined ? Y/N : Lining Date : MM/DD/CCYY Lining

Lining condition

Rust bleed

Loose or flaking areas

Stains or discoloration

Interior Evidence of leaks

Broken partition welds

Old commodity

Rust

Condensation

Porosity undercut welds

Brackets, sharp edges or transitions

Intermittent or caulked welds

Deep discoloration from old commodity :

Suitable for lining ?

Vents req. modification/ other attn. Vents

Trucks Friction casting wedge rise

Worn gibs

Broken springs

Defective center plate

Structural Center sill bent

Exterior Paint Customer logo

Graffiti .

Commodity spillage

Paint condition

Interchange Defects-Overall Condition

Repair Disposition

Comments:

F16.6

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PRINT OF GRAWINGS

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Pressure Differential Car Condition Report Date: MM/DD/YY Time: TT:TT:TT Inspector: Inspection Location: Car Momb: MM/DD/CCTF , Storage Location : Date: Upmarket per SOW ? : SOW Number: Car Body Side sheet damts and/or hammer marks Broken or loome running Broken welds Corresion Roof sheet bunkles Outlet System Bone gage box & hardware Defective pigging, couplings & swivels : Butterfly values broken/sign of leakage: Defective blam down Missing/defective pipe caps 4 gaskets : Wet and/or dirty aerator pads Broken or stammed aerator pads Hatch Covers Defect/missing hatch cover hardwar: Defective/missing hatch cover gaskets : Broken hatch covers Car lined ? Y/N : Lining Date : MM/DD/CCYY Lining Rust bleed . : Loose or flaking areas Stains or discoloration Lining Condition Interior Evidence of Lemaks Old commodity Rust Condensation Porosity undercut welds Brackets, shamp edges or transitions Intermittent or caulked welds Deep discoloration from old commodity : Suitable for lining ? Priction casting wedge rise Trucks Worn gibs Broken springs Defective cemmer plate Structural Center sill bent Exterior Paint Customer logo Graffiti

Comments:

Interchange Defects
Overall Condition
Repair Disposition

Commodity spillage Paint condition

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FIG. 8

	Pressure 18	ank Car Condition Re	έροπ	Time: TT:TT:TT	
Car Numb:	In	spector:	Inspection	Location:	
Date:	Si	torage Location:	•		
Date:Upmarket per SOW?:		OW Number:	*SOW = Scope of Work		
Car Body	Shell bent or buckle	 ed	·		
	Jacket bent, buckle		:		
	Corrosion		:		
	Roof sheet buckles		:		
Top Valves & Ad	ccessories		<u> </u>		
	Missing or non-app	roved valves	:		
	Corroded or inopera		:		
	Missing or defective	e plugs and chains	:		
Gaskets	Gaskets worn, brok	en or missing	:		
Interior	Rust	•	•		
	Corrosion		:		
	Interior residue or fi	im	:		
Trucks	Friction casting wed	lge rise	:		
	Worn gibs		:		
	Broken Springs		:		
	Defective center pla	ate	:		
Structural	Center or stub sill b	ent	:		
Exterior Paint	Customer Logo		:		
	Graffiti		:		
	Commodity spillage)	•		
	Paint condition		:		
Exterior Coating	Exterior cleaning re	q. (DÒT)	:		
	Thermobond protect	tion	:		
	Thermobond protect	tion repairs	:		
Interchange Def	<u>fects</u>		:		
Overall Condition	<u>on</u>		:		
Comments					

PRINT OF DRAWINGS:
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10075065 .061702 Porm Date : MM/DD/YY

Time : TT:TT:TT

" __ Condition_Form

Inspection Location Inspector: Car Number: Storage Location: *SOW = Scope of Work SOW Number: Upmarket per SOW ? Car_Body: Side sheet dents Broken welds Car body corrosion Lading: Trailer Hitches Tie Down and Load Restraining Devices Floor: Broken or missing flooring Cushioning: Defective cushioning or draft units Trucks: Friction casting wedge rise Worn gibs
Broken Springs
Defective center plate
Structural: Center sill bent Exterior_Paint: Customer logo's Graffiti Paint condition Interchange: Defects

Repair_Disposition:
Comments:

Overall_Condition:

F16.9